

Table 1 The key physicochemical parameters associated with presences of mosquito larvae in Qatar (Adopted from Alkhayat et al., 2020)

Mosquito species	Ecological variables	Odd Ratio (95% CI)	P-value
<i>An. stephensi</i>	Vegetation	0.099 (0.034–0.282)	0
	Shade	4.84 (1.74–13.50)	0.002
	Water depth (cm)	0.986 (0.972–1.01)	0.006
	Habitat surface (m <sup>2</sup> )	1.26 (1.12–1.44)	0
	Turbidity	4.92 (1.50–16.08)	0.008
<i>Cx. pipiens</i>	Vegetation	0.029 (0.007–0.12)	0.04
	pH	2.49 (1.04–5.97)	0.029
	Habitat surface (m <sup>2</sup> )	0.422 (0.194–0.966)	0.009
	DO (mg/l)	0.552 (0.353–0.861)	0
<i>Cx. quinquefasciatus</i>	Water temperature °C	0.802 (0.722–0.890)	0.022
	Salinity ‰	0.871 (0.773–0.979)	0.023
	Habitat surface (m <sup>2</sup> )	1.175 (1.023–1.351)	0.023